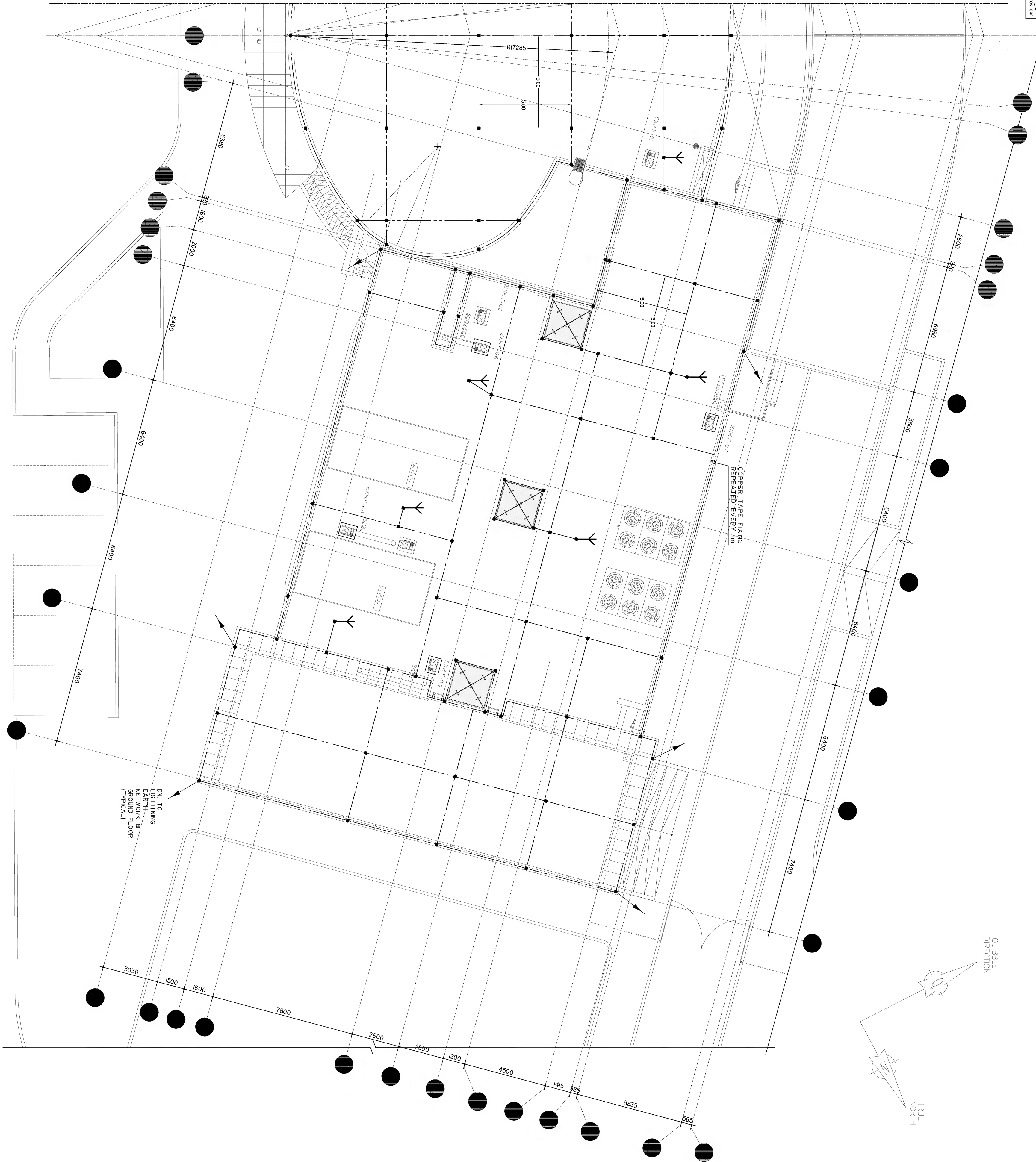


DWG NO.		E-06-213
SHEET NO.		194
DATE		1994

MATCH LINE SEE DWG NO. E-06-212

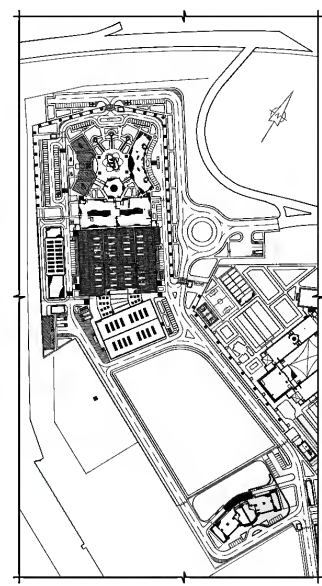


REFERENCE DRAWINGS		DWG NO.
LEGEND - GENERAL NOTES		E-06-001
GENERAL DETAILS (SHEET 1/2)		E-06-801
GENERAL DETAILS (SHEET 2/2)		E-06-802

SYMBOLS	DESCRIPTION
+	300mm DEEP 40mm CL-CLAD STEEL ELECTRODE ENDED BY EARTH PIT AND TEST CLAMP POINT (TYPICAL)
—	345mm COPPER TAPE HORIZONTAL AIR TERMINAL FIXED ON TOP OF ROOF PARAPET
Y	MACHINE PROTECTION VERTICAL AIR TERMINAL (HIGHER THAN MACHINES HEIGHT AS REQ. BY BS EN 62305)
—	705mm STANDARD SOT DRAINING COPPER
■	PURPOSE MADE CROSS CONNECTION CLAMP
□	COPPER TAPE FIXING AT 1m INTERVALS
—	THERMOWELD

#### NOTES:

1. LIGHTNING PROTECTED NETWORK SHALL BE IN ACCORDANCE WITH BS EN 62305, SHOULD A 300x4 LAYOUT SHOWN FOR GUIDANCE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE COMPLETE LIGHTNING PROTECTION SYSTEM WITHOUT ANY COST IMPLICATION ON THE CONTRACT.
2. ALL VERTICAL PROTECTION INCLUDING MASTS, AERIALS, A/C EQUIPMENT, HAND RAILS ETC. SHALL BE PROTECTED BY AN ADJACENT AIR TERMINAL. CONDUCTOR HIGHER THAN MACHINE HEIGHT BOUNDED TO THE AIR TERMINATION NETWORK OF LIGHTNING PROTECTION SYSTEM.
3. ALL POWER, TELEPHONE, DATA AND OTHER ELEV. COMMUNICATIONS CABLES, PLATES AND LEADS ENTERING THE BUILDING SHALL BE PROTECTED FROM TRANSIENT OVER VOLTAGE CAUSED BY LIGHTNING PROTECTION SYSTEM SHALL BE IN ACCORDANCE WITH BS EN 62305.
4. THE EARTH RESISTANCE FOR LIGHTNING PROTECTION SHALL NOT EXCEED 10 OHM.



KEY PLAN

CLIENT :



PROJECT :		BOROUGE INNOVATION CENTER	
		IN ABU DHABI	
		AGREEMENT NO:15984D - PROJECT NO:5984	
END USER :			
CONSULTANT :			
ENGINEERING CONSULTANTS GROUP S.A. ABU DHABI			
P.O. BOX 20206			
TEL : +965 928-807			
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E-MAIL : info@ecg.ae			



PIPE ACADREX BUILDING	
LIGHTNING PROTECTION LAYOUT PLAN	
TOP ROOF - PART 2	

SCALE	JOB NO.	DWG NO.	REV. NO.
1/100	194	E-06-213	0

FILENAME